

Title (en)
Scanning optical apparatus

Title (de)
Optische Abtastvorrichtung

Title (fr)
Dispositif de balayage optique

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Application
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Abstract (en)
A scanning optical apparatus includes a light source (1), deflector (5) for deflecting a light beam emitted from the light source, and optical device (L11, L12) for directing the light beam emitted from the light source (1) onto a surface (7) to be scanned. The optical device (L11, L12) includes two diffracting optical elements (14a, 24). An aberration fluctuation in a sub-scanning direction resulting from environmental fluctuation of the scanning optical apparatus is corrected by the characteristic of the optical device. <IMAGE>

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Citation (search report)
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• [A] US 4832464 A 19890523 - KATO MASAYUKI [JP], et al
• [AD] US 5486694 A 19960123 - HARRIS ELLIS D [US]
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EP 0872754 A1 19981021; **EP 0872754 B1 20050629**; DE 69830684 D1 20050804; DE 69830684 T2 20060518; DE 69831363 D1 20050929;
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